IN THE CLAIMS

1. (Currently amended) A digital receiver arrangement (28) comprising a tuner/demodulator circuit (14) and analogue-to-digital converting means (16), and further including means (34) for storing an impulse wavelet representation characteristic of an impulsive noise event, means (36) for determining if an interference impulse (24, 26) is present in a received signal, and means (38, 40) for introducing combining the stored representation of the impulse wavelet to with the detected received impulse only if an interference impulse is determined to be present in the received signal (24, 26) so as to counteract the effect thereof within the received signal.

2. (Currently amended) An arrangement as claimed in claim 1, wherein the means (36) for determining if an impulse arises comprises comparison means for comparing the stored impulse wavelet with a wavelet (24, 26) arising in the received signal.

3. (Currently amended) An arrangement as claimed in claim 2, wherein the comparison means (36) comprises a cross-correlator.

4. (Currently amended) An arrangement as claimed in claim 2, wherein the comparison means (36) includes optimal filtering means.

5. (Currently amended) An arrangement as claimed in any one of claims 1-4 claim 1, wherein the means for introducing the stored representation to the received signal

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includes subtractor means (40) for subtracting the stored wavelet representation from the incoming impulse wavelet (24, 26).

6. (Currently amended) An arrangement as claimed in ~~any one of claims 1-5~~ claim 1, and including means (30) for determining the likely form of impulse wavelet and for introducing such likely form to the said means for storing an impulse wavelet representation.

7. (Previously presented) An arrangement as claimed in claim 6, wherein the estimate of the shape of the impulse wavelet is created by means of a test signal.

8. (Currently amended) An arrangement as claimed in ~~any one of claims 1-5~~ claim 1, wherein the means (34) for storing the impulse wavelet is arranged to receive a pre-programmed representation of the wavelength.

9. (Currently amended) An arrangement as claimed in ~~any one of claims 1-5~~ claim 1, and including prediction means for predicting the likely shape of an impulse wavelet for storage within the said means for storing.

10. (Currently amended) An arrangement as claimed in ~~any one of claims 1-9~~ claim 1, and including means (38) for scaling the stored impulse wavelet having regard to characteristics of the impulse wavelet within the received signal.

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11. (Previously presented) An arrangement as claimed in claim 10, wherein the said characteristic comprises at least one of the amplitude and phase of the impulse wavelet within the received signal.

12. (Currently amended) A method of receiving a digital signal including the steps of demodulating the signal, and conducting an analogue-to-digital conversion of the signal, and including the further steps of storing an impulse wavelet representation characteristic of an impulsive noise event, determining if an impulse interference event is found within an incoming signal, and ~~introducing~~ combining the said stored wavelet representation ~~to~~ with the received impulse interference event only if an interference impulse is determined to be present in the received signal so as to counteract the effect thereof.

13. (Previously presented) A method as claimed in claim 12, wherein the said step of determining includes comparing the stored wavelet representation with a wavelet within the received signal.

14. (Currently amended) A method as claimed in claim 12 ~~or 13,~~ and including the step of subtracting the stored wavelet representation from the received impulse interference event.

15. (Currently amended) A method as claimed in claim 12, ~~13 or 14~~ and including the step of estimating the wavelet representation to be stored.

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16. (Currently amended) A method as claimed in claim 12, 13, 15 or 15 and including the

step of scaling the stored wavelet representation responsive to characteristics of the

received signal.

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